

## ALS81A303LM100

ALS81, Aluminum, Aluminum Electrolytic, 30,000 uF, 20%, 100 VDC, -40/+105°C, 28.5 mm



Click [here](#) for the 3D model.

### General Information

|                          |   |
|--------------------------|---|
| Series                   | ALS81   |
| Dielectric               | Aluminum Electrolytic   |
| Description              | Screw Terminal, Aluminum Electrolytic   |
| RoHS                     | Yes   |
| Lead                     | Oval Threaded Inserts M5  |
| Mounting                 | Through-Hole  |
| Optional Mounting        | Stud  |
| Halogen Free             | Yes   |
| Typical Component Weight | 600 g   |
| Notes                    | Dimensions D And L Include Slewing. MS (MxH) = M12x16. Mounting Clamp (Sold Separately): V8 |
| Shelf Life               | 156 Weeks   |

### Dimensions

|    |                 |
|----|-----------------|
| D  | 63.5mm +/-1mm   |
| L  | 131mm +/-2mm    |
| T  | 5.5mm +/-0.5mm  |
| S  | 28.5mm +/-0.5mm |
| DT | 13mm +/-0.5mm   |
| LT | 135mm +/-1mm    |
| TD | 10mm MIN        |
| V  | 15.8mm NOM      |
| Z  | 10mm NOM        |

### Packaging Specifications

|           |      |
|-----------|------|
| Slewing   | Yes  |
| Packaging | Tray |

### Specifications

|                   |  |
|-------------------|--|
| Capacitance       | 30,000 uF  |
| Tolerance         | 20%  |
| Voltage DC        | 100 VDC, 115 VDC (Surge)   |
| Temperature Range | -40/+105°C   |
| Rated Temperature | 105°C  |
| Life              | 8000 Hrs (Rated Voltage And Ripple Current At 105C), 13000 Hrs (Rated Voltage at 105C) |
| ESR               | 14 mOhms (100Hz 20C), 12 mOhms (10kHz 20C)   |
| Ripple Current    | 21.7 Amps (100Hz 105C), 25.3 Amps (10 kHz 105C)  |
| Leakage Current   | 6000 uA  |

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